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<213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

 <400> 27408

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 <212> DNA
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<400> 27409

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<400> 27410

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<400> 27411

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 <213> Aspergillus nidulans

<400> 27412

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<210> 27413
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<212> DNA
<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<210> 27416
<211> 501
<212> DNA
<213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27417

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 <213> Aspergillus nidulans

<400> 27418

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<210> 27420
<211> 288
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<213> Aspergillus nidulans

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<212> DNA
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<210> 27424
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<212> DNA
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435

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<213> Aspergillus nidulans

<400> 27427

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<212> DNA
<213> Aspergillus nidulans

<400> 27428

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27429

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<210> 27430
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27430

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gttgaatccg accgtcgtcg ctctgatgat tacgatatcg agctggcctc gacatcgaca 180

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gcgagcgcgc accccgagct cgcgacggcc gtcgactact caaccagggc gaaaaatgcc 240
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gatggtaaat ag 312

<210> 27431
<211> 1068
<212> DNA
<213> *Aspergillus nidulans*

<400> 27431

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<210> 27432
<211> 518

<212> DNA
 <213> Aspergillus nidulans
 <400> 27432
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<210> 27433
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 <213> Aspergillus nidulans
 <400> 27433
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 cgcataatgca agttcttacc cagttctcag tcaagagaag ctcttagcga tgtgaccac 180
 accaacaggg tgcttaaaga aaccctagaa ggcaatcaga aaccgaccac caacagcaac 240
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<210> 27434
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 <213> Aspergillus nidulans
 <400> 27434
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gaccatcaac acgtcgggtac tactgctact gtcggcccag agccaggcca aggagcagct 120
 ttgactgaca tgggtgatgc cttgttggac gagacattgc cgttcaatth ctgggagacg 180
 tgggggcaga tgtgggttgt tttttagat ggaacaattc ttgagaatgg tgcccagaaa 240
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 ttggcacgcg acgcttag 318

<210> 27435
 <211> 405
 <212> DNA
 <213> *Aspergillus nidulans*

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 cgtggacacg gcgccagccc cggcacaagc acgggtcccg gcagcgtcgt cgatttcccg 180
 ctcagccagc aatcgttcga tttcgagcct tcgtcgtcgtg acagcaatgg ccctacttc 240
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 tcctaccggg cgagctcgaa cccgggctgt tcgccacct ccatgcttgt cgagcagtcg 360
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<210> 27436
 <211> 306
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27436
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<210> 27437
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27437

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<210> 27438
 <211> 846
 <212> DNA
 <213> Aspergillus nidulans

<400> 27438

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cgcttctacg caaacagcaa ctogactgag tccgggtccg agttcgagtc tggcgccgag 300
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acatag 846

<210> 27439
<211> 984
<212> DNA
<213> Aspergillus nidulans

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ctgtatggag tagttgggtc gcggctccga cgagcacgag cgggagttgt cgaagtgatc 180
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agaagtgtgt tctggcagct accacctga tctgggcaac agatactggc accgccacgg 300
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aaggtggacg acatgattcc atga 984

<210> 27440
<211> 213
<212> DNA
<213> Aspergillus nidulans

<400> 27440

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gtcgtagact tcctagcatt cctcagcaat tga 213

<210> 27441
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 27441

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ggcaccggta ctgctgcagc cacaacacca acaaggagca aagcgtcacc ttcggcgttt 180
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<210> 27442
<211> 309
<212> DNA
<213> Aspergillus nidulans

<400> 27442

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gcgactgaat ccaaaagcga acaaagccga cgaattcata gtgcaaaacc cggcgacgcg 180
tcggattctt ttgactcgac aaactcaaac tctacccga actcagcgta cgattcgcaa 240
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gggctgtga 309

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 <211> 356
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27443

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 tcggacaatt gccaacgaac tcgccagggg ggatcctcaa cctgctgcag gaagtcagcc 180
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 gcatggcagc cctgtgtact ctggatgacc acagacacga agtgacagat atctccctgc 300
 cggatcccg catccatatt agagcaaaag tcccaaatca gcgcacaagg tcatag 356

<210> 27444
 <211> 408
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27444

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<210> 27445
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27445

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caggagaaaa gggacccttt aggatgggta ccgttgcgca gaacctcgat ggctgcggaa 180
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<210> 27446
 <211> 347
 <212> DNA
 <213> Aspergillus nidulans

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 ctcagccggtt gtgtctagac tcttggcatg ggcaacactg cgagtatact gggcacgagg 180
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 caatatcgct cgcgcaagcg cgcacaataa tccgccagct catcgcgggc ctgcgggcct 300
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<210> 27447
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27447
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<210> 27448
 <211> 648
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27448
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<210> 27449
 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27449

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 cttgaccctt ctactgcgcc aggcactggg acacccgagc ccggtggctg gacaaccctg 180
 gagttcatcc gcattctgcg ggggattgag aagttgaaca tagttggcgc ggatatcgtc 240
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<210> 27450
 <211> 339
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27450
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 gccaacgaca tgccaagct ctctctcgcc gagatcaacc agcaggcccc tgagctcggg 240
 ctcgacacca actccgattc tcatcaccag gttgctgagc ttggtctcag cagcgacaac 300
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<210> 27451
 <211> 765
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27451
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 tggctgggtg acttcggtct catggccatc ttcgtcttcc tgcaggcctt cccgacggtc 180
 tgggtgacct ggtgggcgcg agataacgac gctcagcaa acaagaacag gagcatgagg 240
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 <213> *Aspergillus nidulans*
 <400> 27452

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 gatgtcaaga ccatctgctc tgagtcccag ggcactagca acagcgccga ggagaccgag 720
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<210> 27453
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<212> DNA
<213> Aspergillus nidulans

<400> 27453

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<210> 27454
<211> 648
<212> DNA
<213> Aspergillus nidulans

<400> 27454

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<210> 27455
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<212> DNA
<213> Aspergillus nidulans

<400> 27455

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<212> DNA
<213> Aspergillus nidulans
<400> 27456

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<210> 27457
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 <213> *Aspergillus nidulans*

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<210> 27458
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27458

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<210> 27459
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27459
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<210> 27460
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<210> 27461
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<210> 27462
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 <212> DNA
 <213> *Aspergillus nidulans*
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<210> 27463
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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

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<400> 27473

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<210> 27481

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<212> DNA

<213> *Aspergillus nidulans*

<400> 27481

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<212> DNA
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<400> 27482

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<210> 27483
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<212> DNA
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<400> 27483

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<210> 27484
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<212> DNA
<213> Aspergillus nidulans

<400> 27484

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<210> 27485

<211> 1080

<212> DNA

<213> *Aspergillus nidulans*

<400> 27485

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<400> 27486

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<400> 27487

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<400> 27488

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<210> 27489
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<400> 27489

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27490

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<400> 27491

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<400> 27492

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 <213> Aspergillus nidulans

<400> 27493

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<210> 27496
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<212> DNA
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<400> 27496

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<400> 27497

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<400> 27498

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 <213> Aspergillus nidulans

<400> 27499

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<400> 27502

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27503

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<400> 27504

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<210> 27505

<211> 363

<212> DNA

<213> *Aspergillus nidulans*

<400> 27505

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<210> 27507
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<212> DNA
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<400> 27507

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<210> 27508
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 <212> DNA
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<400> 27508

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<212> DNA
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<400> 27509

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<400> 27511

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<212> DNA
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<400> 27512

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 <213> Aspergillus nidulans

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<210> 27515
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<400> 27517

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<213> *Aspergillus nidulans*

<400> 27521

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 <213> Aspergillus nidulans

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<400> 27530

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27533

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27534

<211>

948

<212>

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<213>

Aspergillus nidulans

<400>

27534

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<210> 27535
<211> 903
<212> DNA
<213> Aspergillus nidulans

<400> 27535

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<210> 27536
 <211> 318
 <212> DNA
 <213> Aspergillus nidulans

<400> 27536

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 ggtgctactg aggaggaacg tggcgcttgg actgaaggaa ctggagggca gctcattgga 240
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<210> 27537
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27537

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<210> 27538
 <211> 1332
 <212> DNA
 <213> Aspergillus nidulans

<400> 27538

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 aatatgcaca tgctgcttcg gccctatgac gagcgataca agctacacca gcgcatggaa 180
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<210> 27539
 <211> 1500
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27539

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 agcttcgctt aactagcac tgaaaagccc cgtccgcctt tgtttcggaa gtcggcgcaa 240
 aatgttctgc aaggaatggc cgatgcttgg accggtgtca tgcggtgaa ccccatcgag 300
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<210> 27540
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

<400> 27540

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gacaagctca aaaccggcga ccacgactgc gagaacaaac tcacggggat cagagcgagg 240
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<210> 27541

<211> 633

<212> DNA

<213> *Aspergillus nidulans*

<400> 27541

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gatgtagagg cttatgaaca gttgataccg tga 633

<210> 27542

<211> 987

<212> DNA

<213> *Aspergillus nidulans*

<400> 27542

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<210> 27543
<211> 438
<212> DNA
<213> *Aspergillus nidulans*

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438

<210> 27544
<211> 777
<212> DNA
<213> Aspergillus nidulans

<400> 27544

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cacatgcgaa tcattcttat gggacctcct ggtgccggca agggtagca ggcacctaa 180
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<210> 27545
<211> 1287
<212> DNA
<213> Aspergillus nidulans

<400> 27545

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cggatcgtag aggtaatgga cgctgatcgg tgggacgcaa aagactttgg agaatccgag 300

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<210> 27546
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27546

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<210> 27547
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27547
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<210> 27548
 <211> 615
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27548
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 gcatccgcaa tctacgtcac agcgggctcc gacgaaaaga tctccttctg tgtgaaccag 180
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 aatgcgctgg agaagttgcg gaataaagaa ttcaagggtt ttgttgagaa ggtgtttaag 540
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<210> 27549
 <211> 993
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27549
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<210> 27550
<211> 1041
<212> DNA
<213> *Aspergillus nidulans*

<400> 27550

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<210> 27551
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27551

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<210> 27552
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<212> DNA
 <213> Aspergillus nidulans
 <400> 27552

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 <213> Aspergillus nidulans
 <400> 27553

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27554
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<210> 27555
<211> 1017
<212> DNA
<213> *Aspergillus nidulans*

<400> 27555

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<210> 27556
 <211> 432
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27556

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cctaggatat aa 432

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<212> DNA
<213> Aspergillus nidulans
<400> 27557

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<211> 540
<212> DNA
<213> Aspergillus nidulans

<400> 27558

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<212> DNA
<213> Aspergillus nidulans

<400> 27559

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 <213> Aspergillus nidulans

<400> 27560

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 <213> Aspergillus nidulans

<400> 27561

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 <213> Aspergillus nidulans

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 <212> DNA
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<210> 27565
<211> 273
<212> DNA
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273

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<400> 27566

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<211> 573
<212> DNA
<213> Aspergillus nidulans

<400> 27567

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 <213> *Aspergillus nidulans*

<400> 27568
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<210> 27569
<211> 1104
<212> DNA
<213> *Aspergillus nidulans*

<400> 27569

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<210> 27570
 <211> 1008
 <212> DNA
 <213> Aspergillus nidulans

<400> 27570

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<210> 27571
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27571

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1809

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<211> 423
<212> DNA
<213> Aspergillus nidulans

<400> 27572

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<210> 27573
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 27573

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 <213> Aspergillus nidulans

<400> 27574

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 <213> Aspergillus nidulans

<400> 27575

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 <213> *Aspergillus nidulans*

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<210> 27577
 <211> 1008
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27578

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609

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<211> 405
<212> DNA
<213> Aspergillus nidulans

<400> 27579

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<210> 27580
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 27580

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<210> 27581
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<212> DNA
<213> Aspergillus nidulans

<400> 27581

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<210> 27582

<211> 333

<212> DNA

<213> *Aspergillus nidulans*

<400> 27582

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<210> 27583

<211> 1044

<212> DNA

<213> *Aspergillus nidulans*

<400> 27583

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<400> 27584

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<400> 27585

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<400> 27588

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<400> 27589

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 <213> *Aspergillus nidulans*

<400> 27596

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 <213> *Aspergillus nidulans*

<400> 27597
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27599

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<210> 27600
 <211> 237
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27600
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 cagcgcatca aggacgcctt cctcaggggc cgtggctccg tccgcgctct ggttattaac 180
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<210> 27601
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27601
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<210> 27602
 <211> 336
 <212> DNA
 <213> Aspergillus nidulans

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 aagaagtggc tggagaagct cgtcaccacg cggcttctga ctttcttcag cccgtgcac 240
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<210> 27603
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27603

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 <213> Aspergillus nidulans

<400> 27604

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<210> 27605
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27606
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 <212> DNA
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<400> 27606

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<210> 27607

<211> 468

<212> DNA

<213> *Aspergillus nidulans*

<400> 27607

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<210> 27608
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27608

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<210> 27609
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27609

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<210> 27610
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27610

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1149

<210> 27611
<211> 366
<212> DNA
<213> Aspergillus nidulans

<400> 27611

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<212> DNA
<213> Aspergillus nidulans

<400> 27612

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<210> 27613
<211> 489

<212> DNA
 <213> Aspergillus nidulans

<400> 27613

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27614

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<212> DNA
<213> *Aspergillus nidulans*

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<210> 27616
<211> 597
<212> DNA
<213> *Aspergillus nidulans*

<400> 27616

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ggttggtatc accggcggat gttggaacgg cggcgcaagt cccgattcgg gtcctcgggt 360

gagggcgggc aagacgatgt cgagcttggt atgagcccgg atcacctga gagagagcaa 420

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aatgctgtcg aacttggga cacagaagat ggcgacgacc ccagtagcgg cttgactggg 540

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<210> 27617

<211> 270

<212> DNA

<213> *Aspergillus nidulans*

<400> 27617

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gccactgccg ccaaggacgc cgtcgttgac aagaaggacg agaagtccca tgatgctaag 180

gccgatgtcc acaaggggtg gtcattccac ttgctcca aagatagatg gttgattact 240

gacaatatca cagaggccgc taagaactaa 270

<210> 27618

<211> 1065

<212> DNA

<213> *Aspergillus nidulans*

<400> 27618

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<210> 27619
 <211> 453
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27619
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<210> 27620
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27620

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<210> 27621
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27621

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 <213> *Aspergillus nidulans*
 <400> 27622

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<210> 27623
 <211> 1104
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27623

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<210> 27624
 <211> 1041
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27624

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<210> 27625
<211> 1173
<212> DNA
<213> Aspergillus nidulans

<400> 27625

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<210> 27626
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27626

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27627

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<213> *Aspergillus nidulans*

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<400> 27631

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<400> 27632

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<210> 27633

<211> 576

<212> DNA

<213> *Aspergillus nidulans*

<400> 27633

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<210> 27634

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<212> DNA

<213> *Aspergillus nidulans*

<400> 27634

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<212> DNA
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<213> Aspergillus nidulans

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<210> 27642
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27642

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<212> DNA
<213> Aspergillus nidulans

<400> 27643

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<210> 27644
<211> 228
<212> DNA
<213> Aspergillus nidulans

<400> 27644

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<210> 27645
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<212> DNA
<213> Aspergillus nidulans

<400> 27645

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27646

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<210> 27647
 <211> 1200
 <212> DNA
 <213> Aspergillus nidulans

<400> 27647

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<210> 27648
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<212> DNA
<213> Aspergillus nidulans

<400> 27648

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<210> 27649
<211> 726
<212> DNA
<213> Aspergillus nidulans

<400> 27649

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<210> 27650
<211> 447
<212> DNA
<213> Aspergillus nidulans

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<210> 27651
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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*
<400> 27652

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 <400> 27653

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<210> 27654
<211> 324
<212> DNA
<213> Aspergillus nidulans

<400> 27654

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<210> 27655
<211> 471
<212> DNA
<213> Aspergillus nidulans

<400> 27655

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<210> 27656
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<212> DNA
<213> Aspergillus nidulans

<400> 27656

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<210> 27657
 <211> 1509
 <212> DNA
 <213> Aspergillus nidulans

<400> 27657

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27658

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<210> 27659
 <211> 561
 <212> DNA
 <213> Aspergillus nidulans

<400> 27659

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 <211> 660
 <212> DNA
 <213> Aspergillus nidulans

<400> 27660

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<210> 27661
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27661

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<210> 27662
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27662

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cccgagatgg acgaccgcaa gaagatggga ttcaaggcca tcaactctct taccggtctt 480
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<210> 27663
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27663

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<210> 27664
<211> 729
<212> DNA
<213> Aspergillus nidulans

<400> 27664

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<210> 27665
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<212> DNA
<213> Aspergillus nidulans

<400> 27665

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27666

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<210> 27667
 <211> 396
 <212> DNA
 <213> Aspergillus nidulans

<400> 27667

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<210> 27668
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27668

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<211> 1536
<212> DNA
<213> *Aspergillus nidulans*

<400> 27669

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<210> 27670
 <211> 546
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27670

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<210> 27671
 <211> 1335
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27671

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 <211> 801
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27672

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<210> 27673
<211> 483
<212> DNA
<213> Aspergillus nidulans

<400> 27673

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<210> 27674
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<213> Aspergillus nidulans

<400> 27674

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<211> 408
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<400> 27675

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<210> 27676
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27676

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<210> 27677
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<212> DNA
 <213> Aspergillus nidulans
 <400> 27677

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<210> 27678
 <211> 582
 <212> DNA
 <213> Aspergillus nidulans

<400> 27678

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27679

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 <213> *Aspergillus nidulans*

<400> 27680

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<210> 27681
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27681

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 <213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 27685

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tag 483

<210> 27686
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<212> DNA
<213> Aspergillus nidulans
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<210> 27687
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27687

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<210> 27688

<211> 1161
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 <213> Aspergillus nidulans

<400> 27688

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gatgcatacc acgatatgca accgcctacc gtccagcctt tgctctaaa gagtggcgcc  360
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27689

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 <213> Aspergillus nidulans
 <400> 27690

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<212> DNA
<213> Aspergillus nidulans

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<210> 27692
<211> 774
<212> DNA
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 <213> *Aspergillus nidulans*

<400> 27694

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<210> 27695
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27695

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<210> 27696
<211> 273
<212> DNA
<213> Aspergillus nidulans

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<210> 27697
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<212> DNA
<213> Aspergillus nidulans

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<210> 27698
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 27699
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<400> 27701

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<210> 27702

<211> 354

<212> DNA

<213> *Aspergillus nidulans*

<400> 27702

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<210> 27703

<211> 516

<212> DNA

<213> Aspergillus nidulans

<400> 27703

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<210> 27704

<211> 456

<212> DNA

<213> Aspergillus nidulans

<400> 27704

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<210> 27705

<211> 360

<212> DNA

<213> Aspergillus nidulans

<400> 27705

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<210> 27706
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27708

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 <213> Aspergillus nidulans

<400> 27709

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<400> 27710

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 <213> *Aspergillus nidulans*

<400> 27711

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<210> 27712
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<212> DNA
<213> Aspergillus nidulans

<400> 27712

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<212> DNA

<213> Aspergillus nidulans

<400> 27713

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<210> 27714

<211> 306

<212> DNA

<213> Aspergillus nidulans

<400> 27714

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<210> 27715

<211> 2073

<212> DNA

<213> Aspergillus nidulans

<400> 27715

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 <213> Aspergillus nidulans

<400> 27716

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<400> 27717

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<210> 27718
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<400> 27718

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<210> 27719
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> Aspergillus nidulans
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951

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<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27723

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<210> 27724
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27724

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<210> 27725
 <211> 1281
 <212> DNA
 <213> Aspergillus nidulans

<400> 27725

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1281

<210> 27726
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<212> DNA
<213> Aspergillus nidulans

<400> 27726

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<210> 27727
<211> 378
<212> DNA
<213> Aspergillus nidulans

<400> 27727

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<210> 27728
<211> 777
<212> DNA
<213> Aspergillus nidulans

<400> 27728

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<210> 27729
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 27729

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<210> 27730

<211> 441

<212> DNA

<213> *Aspergillus nidulans*

<400> 27730

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<210> 27731

<211> 1164

<212> DNA

<213> *Aspergillus nidulans*

<400> 27731

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<400> 27732

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 <213> Aspergillus nidulans

<400> 27733

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27734

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<210> 27735
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27735

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 <212> DNA
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<400> 27736

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<210> 27737
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27737

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<210> 27738
 <211> 372
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27738
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<210> 27739
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27739
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 ctcagcccag ccataaggt gctgcgcaag gaccggactc ttgttctcgt gcacaagcag 180
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<210> 27740
<211> 753
<212> DNA
<213> Aspergillus nidulans

<400> 27740

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<210> 27741
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27741

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<210> 27742
<211> 621
<212> DNA
<213> *Aspergillus nidulans*

<400> 27742
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<210> 27743
<211> 1797
<212> DNA
<213> *Aspergillus nidulans*

<400> 27743
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caaactctca ttgtagtagc attcattgtc gctgggggcc cegtttatat ctggcgcat 1740
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<210> 27744
<211> 321
<212> DNA
<213> Aspergillus nidulans

<400> 27744

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cgcacactcg ccgaagtcgt caagagtgcg gctacgggag agccgggtga tgacaagcag 240
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<210> 27745
<211> 624
<212> DNA
<213> Aspergillus nidulans

<400> 27745

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<210> 27746
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 27746

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<210> 27747
 <211> 813
 <212> DNA
 <213> Aspergillus nidulans

<400> 27747

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<210> 27748
<211> 912
<212> DNA
<213> Aspergillus nidulans

<400> 27748

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<210> 27749
<211> 870
<212> DNA
<213> Aspergillus nidulans

<400> 27749

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<210> 27750

<211> 522

<212> DNA

<213> *Aspergillus nidulans*

<400> 27750

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<210> 27751
 <211> 795
 <212> DNA
 <213> Aspergillus nidulans

<400> 27751

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27752

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<210> 27753
 <211> 1917
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27753

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caacgattcc tccttctttg caagcaatgc aagtctgtat tgtgctgtcg agttagtcc 780
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<210> 27754
 <211> 834
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27754

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 gccgccaatc tccaaaaggc caaggagggt ctggtatctg agtcaactga ctcatcgcta 180

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caggtgcagt catctttcgc gactctcgac cttgtcctct tgaatgcggc gcggggcacg 300
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gggtcgtggg caccgagtca ggttgccagag gagctggaga gggggttgca gaggggctca 660
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tggggttgtg aggatattct ggaggatcgc ccggcgtgt cgagggtggga ggagggttgg 780
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<210> 27755
<211> 807
<212> DNA
<213> *Aspergillus nidulans*

<400> 27755
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aactctgata tcgacccaaa ccttgcctca cccgctcctc ccgggtccagg gccattatt 240
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gacaccgggc ggtggtttcg ggcgcgctt gtttcgctag agaagatgcc ctgcaaattt 660
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<210> 27756
<211> 387
<212> DNA
<213> *Aspergillus nidulans*

<400> 27756

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cttttcgcgc aacaactcgc cgacattaac accagcaatg gcaaggctat gttcgcctttt 180
gccagtatta ccgtcttgta tgccttcggg tccccgcgca ctcttgagcc gggtagttct 240
gcggttggcg acctagtcca agcgtttgtg cttactcgtg gggcgcagga catcctgaac 300
cagtcgatga acactattct tgaagaccgt acttgggcgc cattacagca cgtgaacgac 360
tatgatcctg cagcaattga cacttag 387

<210> 27757
<211> 777
<212> DNA
<213> *Aspergillus nidulans*

<400> 27757

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gatccgacga cgaagagggg ttatacgccg gggatgattt cgaaggcact ggatcagttg 420
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aaccctaaaca agtcggccaa gagtctcgcg cttgaggcga tgaaggcgtt gattgcgtgg 600

cagcctattc cgggaaagaa atcggctcgc cgcggtgacg aactgactc cgagggtag 660
 agtgcgcctg tccagccaaa gggcccgagc aacgtcaagg ataagatcct gagttttatc 720
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<210> 27758
 <211> 546
 <212> DNA
 <213> Aspergillus nidulans

<400> 27758

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 cagtcgaaca acctgggttg gcttgaatcg ttcctgagct caaactctga ctctggaacc 180
 acctctagca ctaccacctc ccagaactct ggtgttaccg ccgcttcac ccaaggactcc 240
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 acaataaccg gcaactgctaa tactgggtgtt gctacgggtg cagcttcgac taccacaaag 360
 cagtcaactg tagccgaagt taccgcctct gcaactacgg agtcgcagcc aaccgcaact 420
 agcacctcgt cttctacgag agaggacact gatctctccg gtattctggg aagtcttctt 480
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<210> 27759
 <211> 486
 <212> DNA
 <213> Aspergillus nidulans

<400> 27759

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 cccagcttca gaaactacag catcacgaat gatcagaccc gtgaagcggt tccccagtg 180
 aaagctacga ttaccaagta taaatttggt gtcttgatg acagccaaat tctggctgac 240
 gagcaagcga gaaaggatcat gattcacgcc gaaaccgccg cagagacaac ggtcggtagc 300
 tacaacaatg aatatgtgtt tattcttcga atggcagagg attgcaacac ggtggatgaa 360

atctgggagt tttatgatac cattcgtcta caggaccttc gtcacaggct ggaggccagc 420
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<210> 27760
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 27760

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atctacccgt tgccacacac ctacgtcgtc aaggatctcg tccccgattt gaccagatc 180
tacaagcagt acaagtcgat caagccttac ctgcagcgcg ataccaagac cgaagatggc 240
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ctctgcttct gctgctcaac ctctgccccg tcgtactggg ggaacagcga ggagtacctc 360
ggccctgcc a tctctctcca gtcctaccga tgggtggccg attcgcgtga ccagaagacc 420
gccgagcgca agcacgccat tgacaacagc atgagcgtgt accgttgcca cactatcctt 480
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<210> 27761
<211> 1014
<212> DNA
<213> Aspergillus nidulans

<400> 27761

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atcctcgaag gcctctactc cgcttatgaa tccagccaaa caacagggcc gaacaaaaaa 420
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 ctcgcacacc cgacgctctt cgtttccggc atcacagccg cttactccaa tagcaacatc 540
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 gaaagctcgg atatcgttca caagacaaac attcgagagt ttgtgcgcga cgggctgcag 960
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<210> 27762
 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

<400> 27762

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 gacgccgttg ttggttccgg ccccttcgag cagcccacc tgtctcaaatt cccctacacc 240
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 ccgateccgt cgccgggcaa tgagccgtcc ttctcgccgg gggaacgtac aagtccgctg 360
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<210> 27763
 <211> 1047
 <212> DNA
 <213> Aspergillus nidulans

<400> 27763

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 ctagacttta caaacgccga ccaaagctta tggctttccc gaataccccc gtcgctctgg 180
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 gataaaatgc cggccaagtt gcttcaacaa aggcacgctc tgccctggaga gcagggcgcg 660
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 ccgcagaacg agctgttgga tcttatttac cagtgccttc gcgaatacag atactggcca 780
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 gcaagagaga gtaactactc gaacgctatg gacgtcaaac aagaagccgc acccggtttg 960
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<210> 27764
 <211> 318
 <212> DNA
 <213> Aspergillus nidulans

<400> 27764
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 gaagtggatga tagacagctg gaaaacgatg gtctcgacga cggcaaagca agacaagaag 180
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 atgggtgacc gctggtga 318

<210> 27765
 <211> 309
 <212> DNA
 <213> Aspergillus nidulans

<400> 27765

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 cctaagcgga gcatgtctga ctacttcaaa cgagttgcga tgcgcctagc taccagggcg 180
 cgtgagagaa gggaggctga aggcggacag ggcggctctg gactgtctaa cgacgaggtc 240
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 gacgagtga 309

<210> 27766
 <211> 450
 <212> DNA
 <213> Aspergillus nidulans

<400> 27766

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 ctaccattcc aggaaaatct tgacgccgag aacgaatcca ccgattttaa cagccccctcc 180
 acatacgaga cccaatcgg caagctcatg tttccggact actcgcaaaa cgcgaaagac 240
 gacacgagct ggatgaaaag agcttacctc tatgttggac ggtaccagag gatgacaggc 300
 gaagtcaaga aattacccaa gccacttgcg attattcagc ggcggcagac ggacggcgcg 360
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 aaccggccgg agccggttaa tgatgtttga 450

<210> 27767
 <211> 792
 <212> DNA
 <213> Aspergillus nidulans

<400> 27767

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<210> 27768
 <211> 822
 <212> DNA
 <213> Aspergillus nidulans

<400> 27768

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 cgctcgatgg aggtcacct gcgtctatcc accgcagcgt cgccattccc agtaatttct 240
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 aatttcaact caacctccta ctcccaaagc tacgatgagc tcctttccaa agacgagcgc 360
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<210> 27769
<211> 816
<212> DNA
<213> Aspergillus nidulans
<400> 27769

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gcggggaatt ccaccgtagc aggggaaaga agatgtgatt ttgactcgat caacgacttc 180
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cttaattccg acagcaaaga gaactggcgc ctgcctcgg atggctgcgc gcacagctcg 720
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<210> 27770
<211> 483
<212> DNA
<213> Aspergillus nidulans
<400> 27770

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 cagggggcgt tgatcgccca tgccctctat gttcggcaga aagggtattgc cttccttcac 240
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 agatgggtctg cacggtcatt gtacatccgt aacggctttg aggaacgtga gctgcttact 420
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<210> 27771
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 ctctatccag ccgtgcccta caacatccgc ttccgcccta cagacacaac cctccctata 480
 ggccggcgag taaacggcga tctcccgata acaatcctga aaggtagcgc agtggcctac 540
 tccacatacg ccatgcaacg ccgcgcagac ctctatcctc ctgtttctga gaagtttgcg 600
 gaccgggcta tattctcacc agagcgggtg gagagatggg gtatccattg tgaggatcct 660
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<210> 27772
 <211> 342
 <212> DNA
 <213> Aspergillus nidulans

<400> 27772

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gacctcgaga cgatccttgg cgaagctacc cggggtggtg gcgaggatgc cagtgggccc 240

gagttccgac gtggtggctc aaacagcgtt tgggatacgg ctgttgctca cgaggctgtg 300

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<210> 27773

<211> 507

<212> DNA

<213> *Aspergillus nidulans*

<400> 27773

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gtcatcgacg agacactccc tggctggggc agctggactg gagacggcat tagcaggaag 180

gaaaggaagc ggcagaagcg cgttttgaca aagggtgagg gagtgaagcc cgaaaatcgg 240

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tttatcgatt tcgcacccat cgacaacaac aagtaccttg cgacgcaact gcctcaccog 360

ttcgagtcga agcagcagta cgagaggctg cttcgtgtcc cgattggtcc cgagtggctt 420

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aagccgatgg agaagccgat ggttttag 507

<210> 27774

<211> 486

<212> DNA

<213> *Aspergillus nidulans*

<400> 27774

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cgatga 486

<210> 27775
<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 27775

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ttcctcaaga acaatacgca aaacaaaatg cgtgttggcg cgaaagccgc tgtctacgtc 180
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<210> 27776
<211> 906
<212> DNA
<213> Aspergillus nidulans

<400> 27776

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<210> 27777
<211> 525
<212> DNA
<213> *Aspergillus nidulans*

<400> 27777

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ggcggtcggt ggaaggaggg tgtccgccga gcgcgctggg cgatcgagag cggctcggca 480
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<210> 27778
<211> 393
<212> DNA
<213> *Aspergillus nidulans*

<400> 27778

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atccgatttg gcaacggcga gagcggctgg cctaccgatg gcggatctga ctacggcgct 180
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<210> 27779
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 27779

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<210> 27780
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 27780

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<210> 27781
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27781

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<212> DNA
<213> Aspergillus nidulans

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<210> 27783
<211> 249
<212> DNA
<213> Aspergillus nidulans

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<210> 27784
 <211> 399
 <212> DNA
 <213> Aspergillus nidulans

<400> 27784

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<210> 27785
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27785

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<210> 27786
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27787
 <211> 414
 <212> DNA
 <213> Aspergillus nidulans

<400> 27787

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27788

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<210> 27789
 <211> 1083
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27789

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<210> 27790
<211> 339
<212> DNA
<213> Aspergillus nidulans

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tgggggtccg aggcggcaga tcgtcgcggc tggtttgatc ggaccaagga cggggcgggg 240
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cgagagggca tgggcgggta ttatattgtg aggggctga 339

<210> 27791
<211> 423
<212> DNA
<213> Aspergillus nidulans

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gtgctcgtcc tccccggcgg tggctactcg tacgtctcac tcgaccgaga gggcaccaac 180
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gaaacagcgg caacaccact ttaccagta ccactagaag aagccctcgg cgctgtccgc 300
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<210> 27792
 <211> 579
 <212> DNA
 <213> Aspergillus nidulans

<400> 27792

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<210> 27793
 <211> 363
 <212> DNA
 <213> Aspergillus nidulans

<400> 27793

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 ggctacaaat taggccattt gtacgatccg ttcataccag tccaggaagt cggggagaag 240
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atggcggagc ctgaactaca ggtgaatcag tatacgggaag taagttctgc actcgtcgac 360
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<210> 27794
<211> 1194
<212> DNA
<213> Aspergillus nidulans

<400> 27794

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gacctcggcc caaatcgcat tgttgaacgg cctaaggcca ttaagaacga caatacaggc 180
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<210> 27795

<211> 312
 <212> DNA
 <213> Aspergillus nidulans

<400> 27795

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aaagtcaaag tcacctatct ctcggagctt cgaaaactgg ttcccgcgct acagaatgac 180
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<210> 27796
 <211> 444
 <212> DNA
 <213> Aspergillus nidulans

<400> 27796

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ggtcgtgtca tacacaattt acaagaggat atcgcgcggt tgactcgca atgcagcggt 180
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<210> 27797
 <211> 1086
 <212> DNA
 <213> Aspergillus nidulans

<400> 27797

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<210> 27798
 <211> 789
 <212> DNA
 <213> Aspergillus nidulans

<400> 27798

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<210> 27799
 <211> 348
 <212> DNA
 <213> Aspergillus nidulans

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 gacagaggaa tgtggcagca gagtgaagag aaagcgtact ttaccggcgc acctaagctc 300
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<210> 27800
 <211> 1059
 <212> DNA
 <213> Aspergillus nidulans

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 tctatagtca tcctttgccc gttgaagaac actcgcaaag caattacaca gcatatcgag 180
 caagtggttc cgcataaaat acaacactca atcatatcgt ttattgatgt cgaggactgg 240
 aaggactcag cagactttga ttctggttct cgtattactc acttagtcct caatctgcct 300

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<210> 27801
<211> 1302
<212> DNA
<213> Aspergillus nidulans
<400> 27801

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<210> 27802
<211> 1752
<212> DNA
<213> *Aspergillus nidulans*

<400> 27802

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 <213> *Aspergillus nidulans*
 <400> 27803

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<212> DNA
<213> Aspergillus nidulans

<400> 27804

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caccactggg actgtggtgc tgggggtcgga gccgacgaaa caggacctga ccctacgac 180
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gcggcctgga cttgttaa 258

<210> 27805
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27805

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 ttcttgcatt tttccgagga ggggctcaca gttgtcgagg cggataagga taagaagaga 360
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27806

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 gatgcagccg tcattggtgt ccagcacct gacggctctg ggaacgaagt tccacgcgca 300
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 caccttgac attacaagca gctccgcggt ggcgtggtat atctgccagc catcccaaag 420
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 gggtccaagt tgtaa 495

<210> 27807
 <211> 525
 <212> DNA

<213> Aspergillus nidulans

<400> 27807

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caagatgccca aaatcactta cgacgatgtc gaagccggca ttgcttgcta ctgctacggg 180
gataccacca gcggccaacg tatattctac cagttcgggc agacctcgat ccccatctac 240
aacaccaaca atgcctgcgc aacgggctcc gcgggtctgc acctggcacg gacaatggta 300
aaaaatggag gcgcagactg cgttcttgtc attgggtttg agcagatgcg tcccgggtcg 360
atcaagagcg tttgggatga caggccgagt tcggttgccc catcgacggc actgatggaa 420
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gagtacatga aaaagtatag gaccgcatgt gtctcatcag tatag 525

<210> 27808

<211> 624

<212> DNA

<213> Aspergillus nidulans

<400> 27808

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atccaacgaa cgatcaaccg gatgaaagaa tccggcgaca aagcgactgc cgccgcatca 180
gaagataatg cagacgacct cattgcacag ctctcaagg ccatggaagc tggcggcgac 240
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gatccagggt gtcgcgagta tgtatgggag aagatgcagg ctatgcaagc agctggaaat 540
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atccccgatt gtccgcagca atga 624

<210> 27809

<211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 27809

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 gtgaattatc caagcctgct aggaatttcc aaatctggta acgagaacga agtcaatgac 180
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 cggcttctac aagaggaaaa atttcgtcgt gatatcatcc gtccgcaggt gattgaaagg 360
 ttggcggggc tggacctcaa cggcgagcag agcgtcgcgg aagcaggaga acagaatacg 420
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<210> 27810
 <211> 327
 <212> DNA
 <213> Aspergillus nidulans

<400> 27810

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 gcccttttca tgatcttctt ctgggtcccc gaaacaaaac agcgcaccct cgaagagttg 180
 gactacatct tcgccgttcc tactcgcaact cacatgcgct accagctttt ccagggttctg 240
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<210> 27811
 <211> 705
 <212> DNA
 <213> Aspergillus nidulans

<400> 27811

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gtatatagtc tcgtgcaaaa agccaagacc tgggagctgg tgaaaccgca agcgtggtat 180
 cactcaccgt gggtgagagt acagcacgag gttccgcagg gcgacaaagg tgcgctgcg 240
 tcctgggaag tgaccgagca gatgatgaaa gatgccaatc tcgagaaact cgagcacgtc 300
 accgtgacca tgaacgtgaa tcacacacgc cgtggtgatt tgagcgtgga actgcgcagc 360
 cctgaaggca tagtcagcca cctcagcaca ccaagaaaga atgataacgc agaggtcgga 420
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 accgttattg ttaaagactc tactgtcaat gacaacgtcg gagaattcat cgattggcga 540
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<210> 27812
 <211> 618
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27812

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 gtcaatcacc ctaaatttgg tgatgtctat gcgttcgagg tggacgggta cggatccac 180
 gtcttcatgg atgacgcgaa tgtgccttcc ctcccttctc tcccggctct tggctacctt 240
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 aacgcttggc ccatgtccct tctgatccaa gcacagacgt cagactcaga tattgagata 420
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 aatgtaaata acatcgtcga gtacacaagg ccttggtttg cgtgggctaa ttccgtcttt 540
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<210> 27813
 <211> 993
 <212> DNA

<213> Aspergillus nidulans

<400> 27813

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ggcacgttca atttacgcta ctggttcgac agcacctact accaaccggg cggtcccgtc 180
ttcgttatgc cgccggcgag acagatgctg gccgaggcgt acaatgggct cgggtgtgatc 240
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gatcttgccg actacgccta ctttgcaaag catgtcattt tccctgggct ggaggcgtag 360
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cccggcaaca ggacactaca tgcgcagctg cagtcggcat ttggcgtgaa cccggtatc 600
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<210> 27814

<211> 450

<212> DNA

<213> Aspergillus nidulans

<400> 27814

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ggtgacgaga cggatggaga aaaggacgag gaaggtgagg aggaagagga agaagagaag 120
gatccctacg ctatatccga cgactccgac gatgaggacc agatggccgc cattcgtgcy 180
aagattctta attcaaaatc attccagaac ccatccgtcc ctgataaagt gcaaccacaa 240

agaattgagc gaccagatac cggaccacta gaggactcgg atgcggtgtc cggcacagac 300
ggaagtgacg acgaggcttt tgataatatc attaatgcca cgccagttac tgatcgaacg 360
ggcattatag ccgcctcaag acacaagtcg aaagacacgt ttagcgcttc gttttcaaga 420
actgtggtga acgcgcctaa gagggggtag 450

<210> 27815
<211> 219
<212> DNA
<213> Aspergillus nidulans

<400> 27815

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gcctggactt tcaccgtcat gaaagagaag gaggaggcca agcacaagtg gcagaacaag 120
aacaagagca acgccagcaa cgccagcaac gccgactcca agaacaagga cgcagccctc 180
cattacgagg ccatggctca ttacctagct ttccgataa 219

<210> 27816
<211> 705
<212> DNA
<213> Aspergillus nidulans

<400> 27816

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gaatactcgc tcgaagctat caagcttggg tcaaccgcta tcggtgtagc aacatccgaa 120
gggtgcatct taggtgtcga gaagcgctgc acatccaccc tgctcgaggc gtcctcagtt 180
gagaagattg tggaaattga ccagcacatc ggatatgccc ggtctttagt tgagcatgcc 240
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tccggaagtg agggggcaca ggcagaactg caaaatgaat accatcgctc gttgacactt 540
gccgaggctg agacgctagt tctgaaaaca cttaagcaag tcatggagga gaagctagac 600
gcgaagaacg ttcagctggc gagcgtcacc aaggagaagg gtttccgtat ctacaacgac 660

gaggagatgg gacgcgctgt cgcgagcta ggtgggaatc aatga

705

<210> 27817
<211> 429
<212> DNA
<213> Aspergillus nidulans

<400> 27817

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tttgggctga gtggatcatga gggctatctt tccgaccact ctgagatcaa ccgaggctcg 180
tctcctcgtg gccgtcgtgg cagttcgaag ccaccagagg accccaccga cccgaatctt 240
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aaggcctga 429

<210> 27818
<211> 375
<212> DNA
<213> Aspergillus nidulans

<400> 27818

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aaatccactc tcaagaaagc cgaccggaag gtggctgatg ccgccgtgaa gggaattgag 180
actggcgagg ccgccgcaa caagatcaag gaagctgttg gatctggtca ggcgcagaag 240
gaagctaagg agaaggcggg cgaattgaag ggagacgcgg ctgagttggc gggcaaggca 300
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gagttcaagt catga 375

<210> 27819
<211> 318
<212> DNA
<213> Aspergillus nidulans

<400> 27819

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gctaaaggct cgtgccacat tggcggcaac gtagccgcca atgctgcagg acttcgcctg 180
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acaatcatgc tcggcctgtc aacgctgagc aagagcaaca cgggatccgc tctggagcag 300
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<210> 27820

<211> 675

<212> DNA

<213> *Aspergillus nidulans*

<400> 27820

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gaccatgaag cccctgcgat tctccactca ccccgcgact acgatgccgc cgaagcccgc 180
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cagtacgggg acgacccgtc tggctcccgt gagatcaaga ttttcaaggc cgataaccat 480
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ggcagtgaag gggagcgcac gaaggagatg gccgaggggc atgactttga aggcggggag 660
gctctaaatc gttga 675

<210> 27821

<211> 933

<212> DNA

<213> *Aspergillus nidulans*

<400> 27821

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 gtaaacacac agattgcaat agtcaacccg gaaacttgca ccctctctca agtcggagaa 180
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 gtgcgcactg gcgatctggg cttccttcac actgttaciaa ggcttattgg acctggaggc 360
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<210> 27822
 <211> 240
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27822

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 gctcagagcc tgaagaattc cggcggcact ctattcttcc gcttcccctc tgccaatgag 180
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<210> 27823
 <211> 576
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27823

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gcagacaaga aagctcacag acgcacctcg tcccaggccg aagggtgtgta caacatcaag 180
gagcttgaag agaaacgcat tgagattact ctgcccacg aaacacagaa gacgggatgg 240
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aaggctgatg acgaattgga caagccctac ctgctggct tcgagtggga caaggaagag 480
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<210> 27824

<211> 384

<212> DNA

<213> *Aspergillus nidulans*

<400> 27824

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gagcacgata atatgaacgg tgacgataat ggcaggagg cgaatgggag tcgccaaccg 180
acgttggtatg aaatggatac tgtgggggag aatgagccgg agacagatcc agatcgctcg 240
ccgacgcctg taccaccgcc gccgccgcca aagccagagt ccgtgaatta tcgccagaag 300
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<210> 27825

<211> 354

<212> DNA

<213> *Aspergillus nidulans*

<400> 27825

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gttgccaaca ctgctgcccc ggctgctact ggtccaagcg gtgactctgt cgacccttat 120
tctggagtta atgcttcact ccaacacgcc caatccaagg tccctgagga ccagaaagcg 180
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ttccctcaag agcgctcgaga ccagaccatt tatcgcttga agaagatgat tctggaaatc 300
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<210> 27826
<211> 486
<212> DNA
<213> Aspergillus nidulans
<400> 27826

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acctgtggca acgcgcacct ctctgtctgc gagagcaccg acaacagcgt ctcttgact 180
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gctggtgata atgagctggt aggtttcctt gaacctggtg ttgctgtcct caagccgaat 420
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<210> 27827
<211> 663
<212> DNA
<213> Aspergillus nidulans
<400> 27827

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<210> 27828
<211> 384
<212> DNA
<213> Aspergillus nidulans

<400> 27828
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gatgcattac ctctcgacaa gtga 384

<210> 27829
<211> 582
<212> DNA
<213> Aspergillus nidulans

<400> 27829
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<400> 27832

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<210> 27834
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 27834

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<210> 27835
<211> 309
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 27835

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<210> 27836

<211> 615

<212> DNA

<213> Aspergillus nidulans

<400> 27836

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<210> 27837

<211> 846

<212> DNA

<213> Aspergillus nidulans

<400> 27837

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<210> 27838
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 <212> DNA
 <213> Aspergillus nidulans
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<210> 27839
 <211> 783
 <212> DNA
 <213> Aspergillus nidulans

<400> 27839

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<210> 27840

<211> 525

<212> DNA

<213> *Aspergillus nidulans*

<400> 27840

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525

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<212> DNA
<213> Aspergillus nidulans

<400> 27841

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<210> 27842
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<212> DNA
<213> Aspergillus nidulans

<400> 27842

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27843

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<210> 27844
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27844

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<212> DNA
<213> *Aspergillus nidulans*
<400> 27845

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<400> 27846

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 <211> 852
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27847

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 <212> DNA
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<400> 27848

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27849

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27851

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 <400> 27852

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<210> 27853
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 <212> DNA
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 <400> 27853

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<212> DNA
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<400> 27854

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27855

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27856

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<400> 27858

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<212> DNA

<213> Aspergillus nidulans

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 <400> 27868

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
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<400> 27874

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 <400> 27875

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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 27891

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<400> 27892

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 <213> Aspergillus nidulans

<400> 27893

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27894

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 <213> *Aspergillus nidulans*
 <400> 27895

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<210> 27896
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<212> DNA
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<400> 27896

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<212> DNA

<213> Aspergillus nidulans

<400> 27897

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<400> 27898

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<400> 27899

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 <213> *Aspergillus nidulans*

<400> 27900

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27901

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<210> 27902
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 <213> Aspergillus nidulans

<400> 27902

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<211> 1167

<212> DNA

<213> Aspergillus nidulans

<400> 27903

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 <213> Aspergillus nidulans

<400> 27906

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 <213> Aspergillus nidulans

<400> 27907

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<212> DNA
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<400> 27909

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<400> 27912

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<212> DNA

<213> *Aspergillus nidulans*

<400> 27913

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<400> 27914
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<210> 27915
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<400> 27915

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<212> DNA

<213> *Aspergillus nidulans*

<400> 27916

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<210> 27917
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 <213> *Aspergillus nidulans*

<400> 27917
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 taacctcatc cgcgcctctc ggcctcttat gtacgagcag ccggctgggtg tacgcggaaa 180
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 gcccaattat ctgggtctgc ccgctaagc cgagaaacta ttacttggtg gtcattggaaa 720
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<210> 27918
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27918

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gccttgcgaa tggcgcaggc gcggcaggag atgccccagt ttccccagcc acaagcggag 180
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cagcagaacc gaaaaatttg tcaactttcta gccctccaaa tggagaagac ccgaccctaa 720
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<210> 27919

<211> 796

<212> DNA

<213> *Aspergillus nidulans*

<400> 27919

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<210> 27920
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<212> DNA
<213> Aspergillus nidulans

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caaggaatac ttcgaggacg tataccggct cacgaactct cccaggatcg ctcatatcct 720
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<210> 27921
<211> 797
<212> DNA
<213> Aspergillus nidulans

<400> 27921

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<210> 27922

<211> 797

<212> DNA

<213> *Aspergillus nidulans*

<400> 27922

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 tttgcacgac cttccgacca gagatgctgc atgtcgccga gaagtgtac ggagttagct 720
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<210> 27923
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 <212> DNA
 <213> *Aspergillus nidulans*

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 ggaaaccgac catcctacgt cgagctcgaa agcgaagtgc aatggcagga gactatgaag 180
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 gaagacgatg aggatattga tggatgacct gatatttcgc ttcccagctc aaaacggagc 720
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 cggaccgctc tcctgtag 798

<210> 27924
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27924

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tcaacagaga cttctaccga tgatggcggc catggacctc cttctgaacc tactaccggg 720
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<210> 27925

<211> 798

<212> DNA

<213> *Aspergillus nidulans*

<400> 27925

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gttcctgtca ttaacgggtg aaacggcagt gttgagcacc ccactcaggc gttccttgac 240
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<210> 27926
<211> 798
<212> DNA
<213> *Aspergillus nidulans*

<400> 27926

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<210> 27927
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27927

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aattgaagct gtcaggggtg tggccgacga caaccatac ccaccagggc ttactgcaa 180
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<210> 27928

<211> 799

<212> DNA

<213> *Aspergillus nidulans*

<400> 27928

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<210> 27929
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27929
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 cagtcgtct gcgcagtatt tcgccttgc gccagctat atttgcacac tgcagtgtta 180
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<210> 27930
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27930

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<210> 27931

<211> 800

<212> DNA

<213> *Aspergillus nidulans*

<400> 27931

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<210> 27932
<211> 800
<212> DNA
<213> *Aspergillus nidulans*

<400> 27932

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tgcacaagaa gaacttgctg cttctgggtg aggatcgta tctgtccact ctcattgctc 180
gaacgttccc taagcgcaag caaatattcg ttctcaagc tgtttgtaag acagtgggtg 240
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cgtacgcata ctggaaattc gacgacttca gttggggcga tactcgaaag accgctgggtg 660
agaaggacaa gggccacgaa gacggcgagg gagaattcga cagcagtaag atcacgatga 720
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<210> 27933
<211> 800
<212> DNA
<213> *Aspergillus nidulans*

<400> 27933

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catcaactat cccctggact tcattcctcc tccttgctgc gatttacggg ttacaagcaa 180
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<210> 27934

<211> 800

<212> DNA

<213> *Aspergillus nidulans*

<400> 27934

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cctggacttc attcctcctc cttgctgcga ttacgggtt acaagcaatt atctttattg 180
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 ctcggcataat gtctcggatg tctctcgccc cgtcagagat gatgagccgc cacatggaca 600
 tggagctgga agacgtcaac ctaccgagcg acgacgcgat cctatcagag atccgtgaca 660
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<210> 27935
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27935

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 tgcacaagaa gaacttgctg cttctgggtg aggatcgta tctgtccact ctcatgcttc 180
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 agaaggacaa gggccacgaa gacggcgagg gagaattcga cagcagtaag atcacgatga 720
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<210> 27936
 <211> 800
 <212> DNA
 <213> Aspergillus nidulans

<400> 27936

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atcccaaacy tcgcaagtac ttccaacaat tcgccaacac tgacgagacg gtcgagaacg 180
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aggtgaagaa gggatgaagt gtggaccgct ttgaggcgta tgacaagaag tacagcggga 720
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<210> 27937

<211> 800

<212> DNA

<213> *Aspergillus nidulans*

<400> 27937

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caggcatggt caatcggcag cctacagaag acgaattcaa agatagcctt cagtccaaga 540
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<210> 27938
 <211> 800
 <212> DNA
 <213> Aspergillus nidulans

<400> 27938

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<210> 27939
 <211> 747
 <212> DNA
 <213> Aspergillus nidulans

<400> 27939

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gtcatcgctt acgagcccggt ttggggccatt ggaaccggta aggtcgctac aaccgagcag 540
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gctgagaaca cccggatcat ttatggcggc tcagtgaagt agaagaactg caaagatctc 660
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<210> 27940

<211> 756

<212> DNA

<213> *Aspergillus nidulans*

<400> 27940

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ttttatttag caataatttt atttacagtt acttgaatga tgataacaat tataagaaat 180
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ttaatttgaa caataacacc agcatttatt ttaatactaa tagcattccc ttctttcaaa 300
ttattatatt taatggatga agtaatggat cttcttttag ttgtttatgc agaaggtcac 360
caatgatatt gaagttacca atatcctgat ttacaaaatg aagataatga gtttatagaa 420
tttgattcat atatagtacc agaaagtgat ttagaagaag gtcaatttag aatgtagag 480
gttgataata gagtaattat tccagaatta actcacacag catttgtaat ttctgcagat 540

gttatacatt catatgcttg tccatcttta ggtataaaag cggatgcata ccttggtaga 600
 ttaaatacaag catcagttta tataaatggt cctggaactt tcttcggaca atgttctgaa 660
 atatgtggtta tattacatag ctcaatgaat atagctatac aatcagtatc aataaaagat 720
 ttcttattat gattaagaga tcaaattgaa ggataa 756

<210> 27941
 <211> 885
 <212> DNA
 <213> Aspergillus nidulans

<400> 27941

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 tgcaagatct acgacagccc atgccttccg gagagtgact gtctcttcgc catcaacgag 840
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27942

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<210> 27943
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27943

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<210> 27944
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 <212> DNA
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<400> 27944

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<210> 27945
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<400> 27945
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 ttagacttga gcaaatttgc ctgcgtcggc ggtttctccc agcttcccgt catccagcct 180
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<210> 27946
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 <213> *Aspergillus nidulans*

<400> 27946
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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 27952

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 <400> 27953

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 <400> 27954

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 <213> Aspergillus nidulans

<400> 27955

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 <211> 2619
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27956

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 <213> Aspergillus nidulans

<400> 27957

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<210> 27958

<211> 408

<212> DNA

<213> *Aspergillus nidulans*

<400> 27958

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<210> 27959

<211> 420

<212> DNA

<213> *Aspergillus nidulans*

<400> 27959

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<210> 27960

<211> 447

<212> DNA

<213> *Aspergillus nidulans* *

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tccgaggagg aaattcggga ggcgttcaag gtcttcgacc gtgacaacaa tggtttcatc 300

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<210> 27961

<211> 459

<212> DNA

<213> *Aspergillus nidulans*

<400> 27961

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27962

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<210> 27963
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans

<400> 27963

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<400> 27964

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<210> 27965
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<213> *Aspergillus nidulans*

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<210> 27966
<211> 675

<212> DNA
 <213> Aspergillus nidulans
 <400> 27966

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<210> 27967
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27967

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<210> 27968
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27969
 <211> 795
 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*
<400> 27970

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<211> 987
<212> DNA
<213> Aspergillus nidulans

<400> 27971

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<210> 27972
<211> 1047
<212> DNA
<213> Aspergillus nidulans

<400> 27972

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27973

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<210> 27974
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27974

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<210> 27975
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27975

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<210> 27976
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27976

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<212> DNA
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<400> 27977

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 <213> Aspergillus nidulans

<400> 27978

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<212> DNA
<213> Aspergillus nidulans

<400> 27979

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<210> 27980
<211> 1311
<212> DNA
<213> Aspergillus nidulans

<400> 27980

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<210> 27981

<211> 1317

<212> DNA

<213> *Aspergillus nidulans*

<400> 27981

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<213> *Aspergillus nidulans*

<400> 27997

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<400> 28009

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<212> DNA

<213> *Aspergillus nidulans*

<400> 28012

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 <213> *Aspergillus nidulans*

<400> 28013

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<400> 28014

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<212> DNA
 <213> Aspergillus nidulans
 <400> 28016

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28017

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28019

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<400> 28023

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<210> 28024

<211> 969

<212> DNA

<213> *Aspergillus nidulans*

<400> 28024

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 <211> 990
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 28026

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 gccgagaaag agaatgcagt agacttggtg acgcagactg acgaggatgt cgagtcatta 180
 atcaaacag ccatacagac caaataccca gccacaaat tcctcggcga ggaaagctac 240
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 cggagcctgg ggagtgcgac gatggacctc gcatacaccg ctatgggctc tgtggacatc 720
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 gctgggggggt tggttactgc ggcaaatccg ccggaggaca tagaggggac gattgagccg 840
 gtgaagctag gcagtcggtt atatctggct attcgacccg ccggaccctc agaaacagaa 900
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990

<210> 28027
<211> 993
<212> DNA
<213> Aspergillus nidulans

<400> 28027

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ttctacgccg tcaacatgg gatcaatgtg cagcgactct cgcagaagac caaggagttt 180
catatgtcta tcacacctga ggaaaagtgg gaccttgcca ttcgtgccta caacaaagag 240
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gcctcggttg tgctgatccg ctacccttac ctggatccct accccgaggc tgctatcaag 600
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<210> 28028
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<400> 28028

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 gccaacatcc cctggggcca ggacgggtgct gaatacattg tcgagtccac cgggtgtcttc 300
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 gctaccaga aggtcgtcga cggccccctg gccaggact ggcgtggtgg ccgtaccgct 600
 gctaccaaca tcattcccctc ctccactggt gctgccaagg ctgtcggcaa ggtcattcct 660
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 aagaaggctt ctgagaacga gctcaagggc atccttggtc acaccgagga cgacatcgtc 840
 tctaccgacc tcaacggtga caccgctct tccatcttcg atgctaaggc gggatttgcc 900
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<210> 28029
 <211> 1047
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28029

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 gttccatccc agtcccatta ccagcaggcg cagaatgccc cgggctcgat gcaccagcaa 180
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 cacggggatt cgatagctgg tcaaatggca caaggcccg cgggctcacc ccgcatggca 360
 ggagtgccgg tgaagactga ccggaatccc cgggtctccg ctcaaattcc cgccagatg 420

ccaccgatgg gttcgcaggt accgctaaca ccaaccgctc aaatgcagca gcgtcgcatg 480
 agccatgtcg gtagcccgca cgtgcagaac gccagcctg tcatgaatca cgttggtaga 540
 cttcagtg ctcgccgat gccacctcct cagcaccggt ttcagcagac gcaaacttcc 600
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 caccgtatcc tcaagcgacg cgttgcgca cagaaattag aagaacagtt acgactcaca 720
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 cgaggccccg gcggtcgatt cctgaccgca gacgaagtgg ccgcgatgga gaagaagaat 840
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<210> 28030
 <211> 1056
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 28030

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 gttgcgcaga atcagaccga cgccttgccct cgcattggaa tgaagccccg gcgaacactc 180
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 tccgcctcac aagatggaaa actcataatc tgggatgcgt acactacgaa caaagtccac 300
 gccatcccg ctagatcatc gtgggtcatg acctgcgctt atgctcctag tggaaactat 360
 gtcgcctgcg gtgggtctgga caacatttgc tccatttaca atctttcctc acgagagggc 420
 ccgactcgtg tcgcgcgcga actctccggt cattccgggt acctctcctg ctgccgtttc 480
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gcatccaat tcttccctga cggcaacgct ttcggaaccg gttccgacga taccacttgc 780
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 cacgagaacc gtgtcagctg ccttggtgtc agcaatgatg gcatcagtct ttgcactgga 1020
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<210> 28031
 <211> 1059
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28031

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 ggagagtctg gcaagtctac aattcttaag cagatgaagt tgatccacga ggggtggctac 180
 tcccgcatg agagggagtc ttttaaggaa attatctaca gcaacaccgt ccagtcgatg 240
 cgtgtcatcc tggaagccat ggagtcactg gagctgcctc tggaagatgc tcgtaacgaa 300
 tatcacgtcc agaccgtttt catgcaaccc gctcagatcg aaggcgacag cttgccctca 360
 gaagttggta atgccattgc tgccctctgg caggatgctg gtgttcagga gtgtttcaag 420
 cgatctcgtg aataccaact caacgactcc gccaaatact actttgactc tatcgagcgt 480
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 cccatgaaga actacttccc cgactacgag ggtgggtgctg actacgccgc tgctgcgac 900
 tacatactca accgcttcgt ctctctgaac caagcagagc agaagcagat ctacacacat 960
 ttcacatgcg ccacagacac gacacagatc cgatttgtca tggcagctgt aaatgatatt 1020

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1059

<210> 28032
<211> 1062
<212> DNA
<213> *Aspergillus nidulans*

<400> 28032

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tcgtcatccc actcgacgcc ccccgatatat ccagcttccg tgggcatcaa gcaggacgag 180
actagccgtc cttctcacat ccctatgcc a tactcggctc ctgtttcggc tccctcgatc 240
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<210> 28033
<211> 1071
<212> DNA
<213> *Aspergillus nidulans*

<400> 28033

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 aagacacagg cggagcttga acagctcttc agggagttgg agcaggtgat gaaacagcgc 180
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 gagattgtca tgctcaaacac tcgtacggaa ttcgcgtacg ggctcgtaga agcccgggac 300
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<210> 28034
 <211> 1077
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28034

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 aagtcggggg caatgcccc aaacttgagc ggatcactcc ttgggaaaac tgtggccatg 240
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ggaggtcatc cgatgttctt gggcaaggat gatatccaac taggtgtcaa cgagtcccta 360
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<210> 28035
 <211> 1098
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28035

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<210> 28036
 <211> 1131
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28036
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 cgtaacgggtg actggaatgt cgccgctgtt gctaagaacg agttcgacct tgagaacaag 480
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<210> 28037
<211> 1146
<212> DNA
<213> Aspergillus nidulans
<400> 28037

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 caatga 1146

<210> 28038
 <211> 1161
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 28038

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<400> 28039

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<400> 28041

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<400> 28042

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<400> 28046

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<400> 28047

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<212> DNA
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<212> DNA
<213> Aspergillus nidulans

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<400> 28059

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<400> 28060

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<400> 28062

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<400> 28063

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<212> DNA
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<400> 28064

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<212> DNA
<213> Aspergillus nidulans

<400> 28065

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<400> 28071

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28094

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 <213> Aspergillus nidulans

<400> 28095

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<210> 28096
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<213> *Aspergillus nidulans*

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<210> 28097
<211> 782
<212> DNA

<213> Aspergillus nidulans

<400> 28097

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<210> 28098

<211> 786

<212> DNA

<213> Aspergillus nidulans

<400> 28098

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<213> *Aspergillus nidulans*

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<210> 28100
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<212> DNA

<213> Aspergillus nidulans

<400> 28100

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<210> 28101

<211> 791

<212> DNA

<213> Aspergillus nidulans

<400> 28101

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<210> 28102

<211> 791

<212> DNA

<213> Aspergillus nidulans

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<210> 28103

<211> 870

<212> DNA

<213> *Aspergillus nidulans*

<400> 28103

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28104

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28105

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 <213> Aspergillus nidulans

<400> 28106

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<210> 28107
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 <212> DNA
 <213> Aspergillus nidulans

<400> 28107

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 caagtagatt agtaatgaaa ttaattaaag gttattttta ttcataataa ttaaataatag 180
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tatataataa acaaaaaacta aactatttag ctaaattaaa aaaaaaatat acaagcttat 360
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<210> 28108
 <211> 1358
 <212> DNA
 <213> Aspergillus nidulans
 <400> 28108

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 tccgcatact ccgccgtcaa ccaagggtcac tgccatccca agctagttgc ggccctcgtc 240
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gctgccattt ctttgtcctc cgaccccgag tctagagaga actatggccc gtacgttccc 540
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<210> 28109
<211> 1447
<212> DNA
<213> *Aspergillus nidulans*
<400> 28109

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 gcatgtacag gagggggtga agcacacagt ttggagtgat caatgtcgca gctgtacgtt 1380
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<210> 28110
 <211> 1742
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 28110

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 tcctctttcc cccatatccg ccgccttcag acgtcctcta cggacacaca agagcgtatt 180
 cccatccgta aacaactcaa gcaggaagcc aaagccataa aatctcggaa gcgagaacga 240
 cgagaacagg aggaagcttc tcggcataag tgggagttga ctgtgggagt ggagatacat 300
 gcgcagttga atacagagac gaagctcttc tcaagagcac cgacctcacc ctccgaactt 360

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<210> 28111
 <211> 298
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28111

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aaattatgtg gttacaatth cacaattttt aggtaatgat ttagaaagta gattagctaa 180
taaagtatta caagattatg tttttaatag ctttaagttha ccaaataaat ataattttat 240
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<210> 28112

<211> 385

<212> DNA

<213> *Aspergillus nidulans*

<400> 28112

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aaagaacgcg aagctggcca cctcggcggc cttcgccaaag caggctgaag gcaccacctg 120
caatgtcggc tcgatcgctt gctgcaactc ccccgctgag accaacaacg acagtctgtt 180
gagcgggtctg ctcggtgctg gccttctcaa cgggctctcg ggcaaacactg gcagcgctg 240
cgccaaggcg agcttgattg accagctggg tctgctcgtc ctcgctcgacc aactgagga 300
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cgctgacaac gctggcgccg gtacc 385

<210> 28113

<211> 392

<212> DNA

<213> *Aspergillus nidulans*

<400> 28113

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aggacatcca gcttgctcgt cgctccgtg gt 392

<210> 28114
<211> 412
<212> DNA
<213> *Aspergillus nidulans*

<400> 28114

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cctccttget gtgtcccgca accctgctct ccgtggccag ctcttctcct atgccattct 360
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<210> 28115
<211> 439
<212> DNA
<213> *Aspergillus nidulans*

<400> 28115

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<210> 28116
<211> 447
<212> DNA
<213> *Aspergillus nidulans*

<400> 28116

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cgaaaacgtg accgtcaagc aggcctccga caagtgcggt gaccaggccc agctctcttg 180

ctgcaacaag gccacgtacg ccggtgacac cacaaccgtt gatgagggtc ttctgtcttg 240

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<210> 28117

<211> 534

<212> DNA

<213> *Aspergillus nidulans*

<400> 28117

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tggctaccaaa tcgcaaattgt tgcgcgcctc atgaaattag cattgccaga gaatgcaaag 180

attgcaaaag aagctaaaga atgcatgcaa gaatgcgtga gcgaattcat ctcttttatt 240

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atcctgtttg ctatgacctc gcttggcttt gaaaactatg ctgaggccct caaaatctat 360

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agtgggtatg ccggggggga cccgtcggcg gagctgccag cggcccttca gtcgtgcgtg 480

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<210> 28118

<211> 534

<212> DNA

<213> *Aspergillus nidulans*

<400> 28118

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<210> 28119
 <211> 554
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 28119

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<210> 28120
 <211> 576
 <212> DNA
 <213> Aspergillus nidulans
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<210> 28121
<211> 636
<212> DNA
<213> *Aspergillus nidulans*

<400> 28121

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<210> 28122
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<212> DNA
<213> *Aspergillus nidulans*

<400> 28122

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accactttga cgcattggtc cagcttggca tgactcttgg aactcacaac taccagattg 600
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<210> 28123

<211> 769

<212> DNA

<213> *Aspergillus nidulans*

<400> 28123

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gttgatggag ttgtcgtgcc gctgccgatt aaagattatg atgtgtccat ttgttgtcat 660

tccgattcgc ctggctgtct tgaaatcatc aagacaacga agaaagtggg ggacgaattc 720
aataagaagt atggattttg aacgattgcg tacatttcac tcaatctaa 769

<210> 28124
<211> 781
<212> DNA
<213> Aspergillus nidulans

<400> 28124

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<212> DNA
<213> Aspergillus nidulans

<400> 28125

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 <400> 28126

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28127

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28128

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<212> DNA
<213> *Aspergillus nidulans*

<400> 28129

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 <212> DNA
 <213> Aspergillus nidulans

<400> 28130

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 <212> DNA
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<400> 28131

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<212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 28133

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<400> 28134

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<400> 28135

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<210> 28137
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 <212> DNA
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<400> 28154

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<210> 28155
<211> 1841
<212> DNA
<213> Aspergillus nidulans

<400> 28155

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 28157
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 28157

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<212> DNA
<213> Aspergillus nidulans

<400> 28158

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<400> 28159

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<400> 28160

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 <213> *Aspergillus nidulans*
 <400> 28161

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<400> 28162

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<212> DNA
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<400> 28164

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